SMD Wire Wound Chip Inductor（MGWM Series） 贴片绕线电感 MGWM 系列

FEATURES 特点

- Constructed of heat resistant molded resin having excellent heat resistance and mechanical strength.
  良好的抗热性及良好的机械性能
- Uses metal terminals, which gives excellent connection reliability.金属端子提供可靠的连接

APPLICATIONS 应用

- Ideally used in video cameras, hard disk drives, liquid crystal television sets, car audio equipment,mobile communications and other small-sized general electronic appliances. 用于录像摄影、硬盘驱动器、软盘驱动器、液晶显示器、汽车音频设备、移动通讯和其它小型常规电子设备。

Product Identification 产品标识

MGWM	3225	T	-	100	K	-	LF
①	②	③		④	⑤		⑥

① Series name 系列名称

② Product dimensions 产品尺寸： (3.2*2.5)

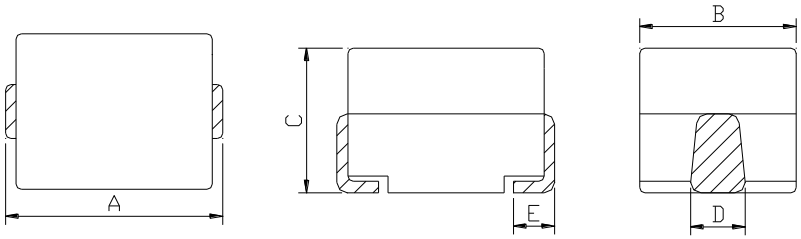
③ Packing 包装: (B: Bulk ; T: Tape and reel)

④ Inductance value 电感量：(4R7: 4.7uH ; 100: 10uH ; 101:100uH)

⑤ Inductance tolerance 电感量公差：(J: 5% ; K:10% ; M:20%)

⑥ Lead free products 无铅产品

Shapes And Dimensions 外形及尺寸示意图



Series	Dimensions(mm) [inch]				
	A	B	C	D	E
MGWM3225T	3.5±0.3 [0.138±0.012]	2.5±0.2 [0.098±0.008]	2.3±0.2 [0.091±0.008]	1.2 [0.047]	0.5 [0.020]

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Electrical Characteristics 电气性能

MGWM3225T Series

Part Number	L (uH)	Tolerance	Test Freq. (MHz)	Q (min.)	SRF min (MHz)	DCR max. (Ω)	Rated current (mA)
MGWM3225T-1R0_-LF	1.0	±5%,±10%	7.96	30	120	0.70	400
MGWM3225T-1R2_-LF	1.2	±5%,±10%	7.96	30	100	0.75	390
MGWM3225T-1R5_-LF	1.5	±5%,±10%	7.96	30	85	0.85	370
MGWM3225T-1R8_-LF	1.8	±5%,±10%	7.96	30	80	0.90	350
MGWM3225T-2R2_-LF	2.2	±5%,±10%	7.96	30	75	1.00	320
MGWM3225T-2R7_-LF	2.7	±5%,±10%	7.96	30	70	1.10	290
MGWM3225T-3R3_-LF	3.3	±5%,±10%	7.96	30	60	1.20	260
MGWM3225T-3R9_-LF	3.9	±5%,±10%	7.96	30	55	1.30	250
MGWM3225T-4R7_-LF	4.7	±5%,±10%	7.96	30	50	1.50	220
MGWM3225T-5R6_-LF	5.6	±5%,±10%	7.96	30	45	1.60	200
MGWM3225T-6R8_-LF	6.8	±5%,±10%	7.96	30	40	1.80	180
MGWM3225T-8R2_-LF	8.2	±5%,±10%	7.96	30	35	2.00	170
MGWM3225T-100_-LF	10	±5%,±10%	2.52	30	30	2.10	150
MGWM3225T-120_-LF	12	±5%,±10%	2.52	30	20	2.50	140
MGWM3225T-150_-LF	15	±5%,±10%	2.52	30	20	2.80	130
MGWM3225T-180_-LF	18	±5%,±10%	2.52	30	20	3.30	120
MGWM3225T-220_-LF	22	±5%,±10%	2.52	30	20	3.70	110
MGWM3225T-270_-LF	27	±5%,±10%	2.52	30	20	5.00	80
MGWM3225T-330_-LF	33	±5%,±10%	2.52	30	17	5.60	70
MGWM3225T-390_-LF	39	±5%,±10%	2.52	30	16	6.40	65
MGWM3225T-470_-LF	47	±5%,±10%	2.52	30	15	7.0	60
MGWM3225T-560_-LF	56	±5%,±10%	2.52	30	13	8.0	55
MGWM3225T-680_-LF	68	±5%,±10%	2.52	30	12	9.0	50
MGWM3225T-820_-LF	82	±5%,±10%	2.52	30	11	10.0	45
MGWM3225T-101_-LF	100	±5%,±10%	0.796	20	10	10.0	40
MGWM3225T-121_-LF	120	±5%,±10%	0.796	20	10	11.0	70
MGWM3225T-151_-LF	150	±5%,±10%	0.796	20	8	15.0	65
MGWM3225T-181_-LF	180	±5%,±10%	0.796	20	7	17.0	60
MGWM3225T-221_-LF	220	±5%,±10%	0.796	20	7	21.0	50

*. Rated current: Value obtained when current flows and the temperature has risen to 20℃ or when DC current flows and the initial value of inductance has fallen by 10%,whichever is smaller.

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